

MANAGED PRIVATE NETWORK SYSTEM

ABSTRACT

A managed private network ("MPN") system for interconnecting enterprise entities to subscriber entities. The MPN system uses the ATM protocol and segregates data for an enterprise on to virtual connections dedicated to the enterprise. Each enterprise may have a single connection to the MPN system. The MPN system may forward data to various service providers through which subscriber entities may be connected to the MPN system. Thus, the enterprise entities need not have a separate physical connection to each service provider. Also, the MPN system can offer services (*e.g.*, archival storage) to the enterprise entities. The MPN system ensures that data for one enterprise will not be intermingled with the data of another enterprise.